Woglum

R. S. Woglum
705 Arden Road
Pasadena.

Sy 3-1032

List of Plants

UNIVERSITY

(H) E. M. Harvey
(W) Carl Wolf (C. B. Wolf)
(P) Frank Peirson (F. W. Peirson)
(M) Phil Munz (P. A. Munz)

R. S. Woglum
705 Arden Road
Pasadena, Calif.
Sy 3-1032

Personal herbarium
of ca. 4000 numbers,

Moved November 1962

May 2, 1941

Dear Phil:

I had expected to finish my study of the large number of Penstemons I borrowed in January by this time and I was waiting for that time to acknowledge and return the Woglum specimens. Now I am interrupted again and go today to Mather for a couple of weeks so report on the Woglum plants. Woglum #2777, P. fruticiformis Cov. Woglum 2419, P. incertus Brandegee. Woglum, June 1, 1940, from Wildrose Canyon, is P. floridus Brandegee ssp. Austinii (Eastw.) Keck

I have just one more species complex to finish on the big batch before I return them to you. Hope you'll get them all within the month.

Hear from Church about your trip to the Mexican border. Cordially, Dave Keck

May 6 and 7, 1944. Pala - De Luz

Check-list of very interesting and enough-interesting plants.
(page numbers are Munz)

Pala. SE of,
383 Ascelepias of californica
315 Helianthemum scoparium
486 Orobanche bulbosa, on Adenstoma.
This is the first time for me.
587 Hypochoeris glabra. Cats-ear. The little chicory that whitened the ground with its mature two-storied heads of pappus.
572 Porophyllum gracile along the "Indian trail" down to the Santa Margarita R.
126 Chorizanthe fimbriata. the yellowish one.
126 Chorizanthe staticoides, Turkish Rugging
276 Oxalis californica

De Luz, Before and after vacinity.
260 Psoralea physodes. near camp.
463 Antirrhinum Hookerianum.
105 Salix exigua. The small silvery one.
105 Salix lasiolepis. Also near camp.
100 Habenaria unalaschensis. The Rein-orchis with leaves mostly at base.
109 Quercus Engelmannii. The new one for us.
108 Quercus agrifolia. The magnificent one!
110 Quercus dumosa var elegantula (?) At Baxter's home.
398 Gilia lutea var. longistylis.
393 Gilia gilioides var. glutinosa. This was identified by Dr. Munz. It looked much like a Phacelia. It was found at base of a cliff on road to Murietta.
251 Lupinus formosus. At edge of woods near camp. Dr. Munz thought it might be a variety claimed by --- someone who collected there. years ago. Not recognized in Munz' book.
251 Lupinus latifolius. The big one in creek bottom near camp.
250 Lupinus truncatus.
249 Lupinus bicolor. perhaps var. tridentatus.
387 Convolvulus occidentalis var. cyclostegius. Western bindweed.
201 Thysanocarpus laciniatus var. crenatus.
202 Thysanocarpus curvipes. The big fringe pod.
196 Dentaria integrifolia var. californica.
190 Lepidium varginicum. Tall pepper grass.
188 Caulanthus heterophyllus.
437 Verbena scabra.
182 Papaver californicum
559 Venegasia carpesioides. Our (Russ' and My) false Bucelia ~~tilifolia~~ californica!
394 Gilia achilleafolia. My G. capitata, as I would identify it from W. Oregon.
539 Filago californica. At cliff base where we found Gilia gilioidia.
318 Viola pedunculata. Near Murietta.
273 Lathrys strictus. The large flowered one.
274 Geranium carolinianum. Near Murietta. When asked to identify this I said, "If I were in the East I'd say G. carolinianum." And the darn thing was! I'd never checked it before in the west.
167 Silene gallica
167 Silene laciniata
474 Mimulus brevipes

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Moved Nov. 1941
2/12 & 2/27/42

May 2, 1941

Dear Phil:

I had expected to finish my study of the large number of Penstemons I borrowed in January by this time and I was waiting for that time to acknowledge and return the Woglum specimens. Now I am interrupted again and go today to Mather for a couple of weeks so report on the Woglum plants. Woglum #2777, P. fruticiformis Cov. Woglum 2419, P. incertus Brandegee. Woglum, June 1, 1940, from Wildrose Canyon, is P. floridus Brandegee ssp. Austinii (Eastw.) Keck

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Hear from Church about your trip to the Mexican border. Cordially, Dave Keck

518 Chrysopsis Villosa. Yellow, with involucural bracts much like Heterotheca.
290 Euphorbia crenulata. New for me.
556 Hemizonia tennella. The little white tar weed that made the ground look somewhat like Hypochoeris did near Pala.
593 Sonchus tenarrimus. New to me.
589 Rafinesquia californica. Up near the Baxter home.

The large blue flowered plant just south of the De Luz postoffice is an European Excape, Echium plantigineium, A Borage.
Viper's bugloss or Blueweed. It will be included in Munz' next edition location, De Luz.

Frank Gander of the San Diega Museum reported its occurrence there to Dr. Munz about three years ago.

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Calico Mountains
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Tuolumne
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Kryptin = May MPark Bard.

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Clark Mts., Valley Wells Tecopa, Rhyolite &
Kingston Mts. With Dr. Wolfe. Oct. 2--12, 1935.
Nossl-115 det. by Dr. Wolfe, C.B

Clark Mts., San Bernardino Co., N.E.

1. Pectis papposa

2. Eriogonum inflatum

3. Menodora scopa ria 2 sheets: 1(LASCA), 1(NA)

4. Ephedra nevadensis

5. Lippia wrighti Mint. flo. white rare

6. Coleogyne ramosissima

7. Psilostrophi cooperi

8. Menodora spinescens 2 sheets: 1(LASCA); 1(NA)

9. Viguiera deltoidea Parishi

10. Gutierrezia sarothrae

11. Cowania stansburiana 2(LASCA)(UC)

12. Acacia Greggi 2 sheets: (LASCA)(SBBG)

13. Eriogonum Tiermanni or Floccosum

14. Castillega sp. linariae folia Benth (P)

15. Gutierrezia lucida

16. Artemisia Bigelovii

17. Salidago retradoria

18. Brickellia californicus

19. Eupatoruim herbaceum

20. Ephedra viridis

21. Brickellia Watsoni

22. Euphorbia schizoloba

23. Brickellia multiflora

24. Artemisia bigelovi

25. Galium Rothrocki

26. Artemisia Tudoviciana Gorophaloder

27. Gutierrezia Sarathrae

28. Tepidospartum latisquamumi

29. Artemisia Bigdlovi

30. Rhus trilobata anisophylla 2 sheets; (LASCA)(SBBG)

31. Rhammus californica ursina 4: (LASCA)(UCR)(SBBG)(SD)

32. Garrya flavescens (SD) 2 sheets: (AD)+1

33. Mortonia utahensis 3 sheets (LASCA)(SBBG)(SD)

34. Cercocarpus intricatus 3 (LASCA)(UC)(SD)

35. Yucca baccata

36. Dyssodia thurberi

37. Verbena gooddingi

38. Gutierrezia sarothrae

39. Chrysothamnus Nauseosus speciosus

40. Atriplex canescens

41. Chenopodium fremonti

42. Artimisia nova

43. ~~Asclepiodora decumbens~~
Asclepias asperula 1 (LASCA)

44. Eriogonum

- - - - - - - -

Clark Mount. [illegible] around 7000 ft. Elev. c. San Bernardino Co., (northeast)

45 Heuchera rubescens var glandulosa. H. alpestris 2 sheets (LASCA)(UC)

46 Leptodactylon pungens var tenuiloba.

47 Galium Parishii

48 Vigueria multiflora Nevadensis 1 sheet bald fam.

49 Spiraea cespetosa 1(SD)

50 Linum lewisii

51 Hymenoxys cooperi

- - - - - -

Clark Mt Canyon at base .W. side.

52 Salvia pachyphylla

53 Eriogonum

54 Juniperus Utahensis 2 sheets 1(LASCA) 1(UC)

55 Chrysothamnus teredifolium

56 Baileya multiradiata

57 Allonia incarnata villosa

58 Psilostrophe cooperi

~~59~~ Base Clark Mt., near colisseum mine.

59. Agave Utahensis var nevadensis 1 sheet: LASCA

60 Argemone platyceros munita (SD) 1 sheet: (LASCA)

61 Senecio monoensis
Differs from coast douglasii

62 Nicotiana attenuata 3/[illegible]/35 2 sheets: 1(LASCA); 1(CANB)

63 Chilopsis linearis

64 Astragalus lentiginosus (P)

65 Chrysothamnus depressus

66 Chrysothamnus speciosus

67 Chrysothamnus

68 Chrysothamnus nauseosus leiospermus

69 Tetradymia canescens

70 Eriogonum

71 Baileya pleniradiata

- - - - - - - - - - - - -

Valley wells - - Kingston road near oil station.

72 Brickellia incana

73 Amaranthus fimbriatus

74 Cucurbita palmata

75 Euphorbia albomarginata ?

76 Krameria Grayi

77 Buddleya utahensis 4 sheets (LASCA) (CAS) (NA) (SBBG)

78 Chrysothamnus paniculata

79 Franzeria eriocentra

80 Artemisia dracunculoides

- - - - - - - - - - - - - - - - -

Kingston Mts. near Horse Springs. Oct 8

San Bernardino Co. (Cow thirst)

81 Epilobium californicum

82 Haplopappus cuneatus

83 Artemisia tridentata

84 Eriogonum

85 Stephanomeria panciflora

86 Holodiscus discolor / (LASCA)
H. boursieri

87 Psathyrotes ramosissima

88 Galium

89 Thamnosma montana

90 Potentilia saxosa

91 Zauschneria (close to Garretii)

92 Nolina Parrvi

Tecopa -- Kingston Road, Inyo Co. ,12 mi.to Tecopa

93 Suaeda Torreyana var.ramosissima

94 Atriplex confertifolia

95 Atriplex polycarpa

96 Atriplex Torreyi

97 Haplopappus acridium

98 Phoradendron californicum (Mesquite parasite)
Summit of grade

99 Yucca mohavensis

100 Yucca brevifolia

101 Tidestromia oblongifolia

102 Atriplex lentiformis

Tecopa -October 10,1935

103 Sphaeralcea angustifolia (P)

104 Atriplex

105 Heliotropium curassavicum var. oculatum

106 Oxytenia acerosa (rare)

107 Haplopappus paniculatus

Shoshone - October 10,1935. Inyo Co (extreme southeast)

108 Aster carnosus

109 Chrysothamnus albidus (rare)

110 Salidago confinus

111 Baccharis Emoryi

112 Erigeron philadelphicus

113

113 Pluchea camphorata

114 Oxystylis lutea

115 Artemisia

1-115 determined by C. B. Wolf

Santa Cruz Island Santa Barbara Co.

Queva Valdez, April 18-19. 1936.

Plants determinedmostly by Dr.Harvey.

116 Delphinium Parryi dwarf (blue) 3 (LASCA, CAS) (SBBG)

117 Mimulus Flemingii 2 sheets. (LASCA) (NA)

118 Prunus Lyonii (two only)
5 sheets (LASCA) (UC) (SD) (UCR) (AAH)

119 Galium Aparine

120 Nemophila racemosa (small white flower)

121 Thysanocarpus laciniatus (var.ramosus)

122 Pterostegia drymarioides

123 Stachys bullata

124 Castilleja hololeuca

125 Eriophyllum staechadifolium

125A Sanicula arguta (bud) SBBG, + 1 sheet

126 Lithophragma Cymbalaria 5 (UC) (SD) (UCR) (AAH) (NA)

127 Montia perfoliata

128 Venegasia carpesioides

129 Salvia mellifera

130 Gnaphalium bicolor

130A Gnaphalium chilense

131 Phacelia distans

132 Solanum Clokeyi 3 sheets. (LASCA) (RSA) (CANB)

133 Nemophila aurita

134 Layia elegans

135 Eriogonum arborescens

✓136 Antirrhinum Nuttallianum 4 sheets 1(LASCA) 1(NA) 1(CAS), 1(SBBG)

137 Lotus scoparius var. dendroidens

✓138 Bowlesia septentrionalis incana (DP) SBBG

✓139 ~~Arctostaphylos~~ Comarostaphlis diversifolia VAR. PLANIFOLIA 3 SHEETS: (LASCA) (CAS) (SBBG)

✓ 140 (Cercocarpus alnifolius or Traskiae) C. betuloides var. blancheae 5 sheets: 2(LASCA) 1(UC) 1(SD) 1(UCR)

✓141 Mimulus Flemingii 2 sheets: (LASCA) (NA)

142 Coreopsis gigantea

143 Orobanche uniflora

144 Brodiaea insularis

145 Lathyrus strictus

146 Parietaria floridana

147 Platystemon californicus

✓ 148 Antirrhinum Nuttallianum 2 sheets: (LASCA), (SBBG)

✓ 148A " Hookerianum nuttallianum 1 sheet: (LASCA)

✓149 Mimulus ~~longiflorus~~ aurantiacus 1 sheet: (LASCA)

✓149A Mimulus aurantiacus 1 sheet: (LASCA)

✓ 150 Dudleya Greenei 1 sheet to (S D)

151 Erigeron glaucus

✓ 152 Lyonothamnus floribundus ~~or~~ var. asplenifolius 4(LASCA)(AAH)(NA)(FTG)

153 Baccharis pilularis var. consanguinea

154 Convolvulus occudentalis or macrostegius

✓ 155 next page

Imperial Co. (south-centa
east, southwest

Mt. Springs Grade, El Centro-San Diego Highway
May 7th. 1936

155 Dudleya lagunensis D. arizonica 1 sheet (SD)

156 Agave deserti 2 sheets: LASCA, SD.

157 Simmondsia chinensis 1 sheet: (Lasca)

Garden 795 Arden Rd. Pasadena May 1936

158 Oxalis

159 "

Cliff Creek. Sequoia Park. 8000 ft.
Headwaters about 2 miles above where Timber
Gap trail comes in. Sept. 20-25, 1936 Tulare Co.

160 Fern

161 Lupinus superbus Hel (P)

162 Lupinus lepidus var confertus Suks (P)

163

164 Thalictrum Fendleri Engelm. ex Gray. 2 (LASCA)(CAS)

165 Aquilegia pubescens

166 "

167 Ranunculus hystriculus Gray. 2 sheets: (LASCA)(CAS)

168 Potentilia

169 Erysimum

✓ 170 Senecio fremontii var. occidentalis (SD) 2 sheets (BAI)(AD)

171

✓ 172 Prunus virginiana var. demissa (spec. sterile; discarded)

✓ 173 Corylus cornuta 4 sheets: (LASCA)(UC)(SD)(UCR)

✓ 174 Arctostaphylos patula ssp. patula 1 sheet: (LASCA)

✓ 175 ~~Eriogonum~~ angelica linearifolia (det Peirson (SD) 1 sheet (AD)

176 Sidalcea

✓ 177 Cornus stolonifera (SD) 3 sheets

178 Lupinus superbus Hel (P)

178A Lupinus latifolius Agardh (P)

179 2 auschneri

180 Aster

✓ 181 Sphenosciadium capitellatum Gray det Peirson (SD) 1 sheet: (UCLA)

182

183

184

185

186

187

188

189

Santa Cruz Island - April 18,1936.

190 ----------

✓190 Penstemon cordifolius 1 SHEET: (LASCA)

191 Trifolium tridentatum

✓192 Eriophyllum staechadifolium var.depressum (JW)
4 sheets; (LASCA)(SBBG)(AD) +1

193 Dentaria integrifolia

✓194 Saxifraga californica 2 sheets (LASCA)(UC)

195 Echinocystis macrocarpa

✓196 Meconella oregona var.denticulata (JW) SBBG

197 Microseria Lindleyi

✓198 Papaver heterophyllum (JW) SBBG
Stylomecon

199 Godetia epilobioides

200 Silene gallica

201 Aplopappus canus

✓202 Dendromecon rigida harfordii multiflora (JW) SBBG

✓203 Mimulus ~~guttatus~~ nasutus 3 sheets (LASCA)(NA)(SBBG)

✓204 Pinus ~~muricata~~ 1 sheet: to LASCA

G. Wallace added # sheet dated 18 Apr 1936

✓204B Platystemon californicus (JW) SBBG

Borego Valley, San Diego Co.
Palm Canyon March 27-28, 1937
205 - 241 det. Frank Pierson 4/14/37

205 Phacelia distans

206 Amsinckia

207 Sphaeralcea ambigua Salmon Peak

208 Mirabilis Bigelovii

209 Phoradendron californicum

210 Calyptridium monandrum

211 Cryptanthe bsrbigera ?

212 Ephedra californica

213 Hyptis Emoryi

214 Galium stellatum var. eremicum

215 Brandegea Bigelovii

✓ 216 Sisymbrium Descurainia pinnatum ssp. glabra pinnatum

217 Lotus Strigosus

218 Beloperone californica

219 Lotus rigidus

220 " ~~[redacted]~~ hamatum Greene (P)

221 Chorizanthe brevicornu

222 Mirabilis Bigelovii

✓ 223 Physalis crassifolia var. crassifolia (LA×CA), (AMAR), (NA), (SBG). 3 sheets

224 LOTUS HAMATUS

225 Lepidium dictyotum var. acutidens

Streptanthus
✓226 (Caulanthus) heterophyllus 2 : LASCA, CAS.

227 Amsinckia

228 Phacelia Campanularia

229 Viguiera deltoidea var. Parishii

230 Phacelia crenulata

231 Amsinckia

✓232 Oenothera (Eulobus) leptocarpa 1 sheet: (LASCA)

✓233 Solanum Douglasii 3 sheets: (LASCA)(RSA)(SBBG)

234 Perityla Emoryi

235 Phacelia distans

236 " Hispida

Lower Borego Valley
March 12th, 1935
det. F. Peirson 237-264; 4/21/37/

237 Hesperocallis undulata

✓238 Mimulus Bigelovii (palmeri) 1 sheet (LASCA)

239 Abronia pogonantha

240 Hyptis Emoryi

241 Pectocarya linearis

242 Malvastrum exile

243 Dalea Emoryi

244 Stillingia linearifolia

245 Franseria dumosa

246 Palafoxia linearis

247 Dithyrea californica

248 Croton californicus

249 Euphorbia polycarpa

250 Sisymbrium pinnatum *Descurainia pinnatum ssp. glabra 4:(LASCA)(CAS)(UCR)(SD)*

251 Nicotiana trigonophylla *1 shot:(LASCA)*

252 Gilia inconspicua

253 Hymenoclea Salsola

254 Stillingia spinulosa

255 Baileya pauciradiata

256 Geraea canescens

257 Chaenactis Fremontii

258 Lupinus sparsiflorus

259 Calycoseris Parryi

260 Malacothrix glabrata

261 Plantago insularis var fastigiata

262 Cryptantha micrantha

263 " pterocarya

264 Calyptridium monandrum

264A Rafinesquia neomexicana

✓ 264B Eschscholtzia minutiflora (W) 2 sheets

✓ 264C Eschscholtzia parishii; (W) SIU +3 sheets

264D Beloperone Californica

264E Phacelia distans (P)

264F " crenulata Torr (P)

****

Campo to Dulzura, St. Hwy. 94
(ext. so.-central)
Lower SanDiego Co., April 24, 1937.

265 Lupinus formosus Greene (P)

266 L nfinus truncatus Nutt (P)

267

✓ 268 ~~Pentstemon~~ KECKIELLA antirrhinoides (d. Penstem) 1 SHEET: (LASCA)

269 Lathyrus strictus

270

271

✓ 272 Prunus ilicifolia 1 (LASCA)

273

274

✓ 275 Cleomella ~~Jonesiana~~ flexuosa Wolfe 1 sheet: (+LASCA)

276

277

278 Rhamnus crocea ilicifolia (Wolfe)
2 sheets! (LASCA)(CAS)

279 Solanum xantii var. intermedium 1 sheet (LASCA)

280 Cercocarpus minutiflorus 2 (LASCA)(SD)

281 Dicentra Chrysantha (JSD) 1 sheet; (NT)

282 Ceanothus (divaricatus x glandulosus) (Wolfe)
leucodermis

283 Arabis arcuata det Peirson

Around Otay Lake, San Diego Co. (southwest)
April 24, 1937.

284

285 Pentachaeta aurea

286

287

~~288 Calochortus~~

289 Rosa californica 1 (LASCA) 1 (SD)

290 Astragalus leucopsis Tor (P)

291 Orthocarpus densiflorus (P)

~~292 Calochortus~~

293 Castilleja Douglasii Benth. Peirson

294 Ditaxis lanceolata 2(UC)(SD)

294A - Gereae canescens

Near Palm Springs, April 24/1937. Riverside Co.

295 Echeveria Dudleya saxosa ssp. aloides 1 sheet: (SD)

296 Mirabilis Froebelii

297 Quercus dunnii 3 sheets: (LASCA)(UC)(SD)

297A - Cercidium floridum 3 sheets: (LASCA)(CAS)(SBBG)

298

299 Krameria

300 Lupinus sparsiflorus Benth (P)

301 Mentzelia involucrata (Dw) 2 sheets: (NT)(CANB)

302 Dalea

303 Antirrhinum coulterianum 2 sheets: (LASCA)(NA)

So. Calif. Botany Trip to Morongo Valley; Old Woman Springs; Lucerne Valley and Victorville; Calico Mts. (San Bdo. Co.) May 1-2, 1937.

304-318 Morongo Valley to Warren well

304 Gilia

305A Silene

305 Pterostegia drymarioides

✓306 Eriophyllum confertiflorum × confertiflorum (W) 1 sheet

307 Chaenactis

308 Chorizanthe

309 Gilia

310 Chorizanthe

311 Gilia latiflora Gray det. Perrin

312 Eriogonum thurberi Torr (P)

313 Oenothera ~~deltoides~~ micrantha (P)

✓314 (Echeveria) Dudleya saxosa ssp. aloides
1 sheet: (SD)

315 Astragalus Layneae (P)

316

317 Lotus strigosus Greene (P)

318

319A Sphaeralcea

SW San Bernardino Co.

Warrens Well to Old Womens Springs
May 1 - 2 1937.

✓319 Oenothera deltoides (P) 1 sheet: (LASCA)

✓320 Mentzelia gracilenta nitens (W) 2 sheets; (UCLA)(BRI)

321 Dithyrea

322

323 Lupinus concinnus Agnde (P)

✓324 Cassia armata Shrub with yellow flowers
3 sheets: (LASCA)(CAS)(SBBG

325 Lehmsholtzia parishii; (NY) 2 sheets (BRI) +1

326 Lupinus sparsiflorus Reuth (P)

327 Zygadenus brevibracteatus 1 sheet; to LASCA

328 Oenothera bistorta

329 out

330 Gilia matthewsii Gray

331 Phacelia

332 Physalis crassifolia var. crassifolia 1 sheet; to LASCA

333 Salazaria

Old Woman Springs SW San Bern Co.

334

335 Gerrea canescens

336 Phacelia crenulata

337 Chorizanthe brevicornis

338 Gilia punctata (Gray) mss det Pennell

339 Eriogonum inflatum

340 Mohavea confertiflora 2 sheets: (LASCA) (NA)

341 Oenothera

342 mirabilis bigelovii

343 Caulanthus cooperi (det Payson) 2: LASCA, CAS

344 Eurotia lanata

345

346

366 Lupinus odoratus Hel (P)

367 Nicotiana ~~or Lycium~~ Trigonophylla 2 sheets: (LASCA)(CANB)

368 Platystemom californicus var. Crinatus (JAJ) 1 Sheet

369 Mimulus mohavensis 3 sheets (LASCA) (NA) (CAS)

370 Oenothera clavaeformis (P)

371 Thamnosma montana

371A ~~Astragalus~~
Lupinus shockleyi (P)

Calico Mountains
May 1, 1937.

372 Malvastrum rotundifloium

373 Eriogonum angulosum

374

375

376 Eriogonum thomasii

377 Eriogonum nidularium

378 Oxytheca perfoliata

379 Phacelia crenulata Torr (P)

380

381

347 Amsinckia

348 Chaenactis

349 Astragalus dispermus

350 Grayia spinosa

351

352 Glyptopleura setulosa

353 Calycoseris Parryi Gray (det Peirson)

354 Gilia aurea

355 Chamaebatia rigidum

356 Eriogonum angulosum

357 Eriogonum reniforme (P)

358 Lupinus Shockleyi Wats (P)

359 Arabis

360 Chorizanthe thurberi

360A Astragalus Vaseyi

360B

San Bernardino Co.
Lucerne Valley to Stoddard Well
May 1, 1937.

361 Argemone munita ssp.

362

363 Stanleya pinnata Isabel: (LASCA)

364 Atriplex

365 Calochortus kennedyi

Ojai to Maricopa and Santa Maria
May 10, 1937.

390 to 405 Sespe Gorge. (Ventura Co. west central)
406 to 420 Upper Cuyama River near Apache Canyon.
421 to 429 Near Santa Maria
430 - 431 Maricopa

390 Montia
391 Ceanothus (divaricatus) leucodermis (Wolfe)
392 Castilleja miniata (P)
393 Eriogonum
394 Mimulus guttatus var. ~~var~~ vagans (P)
3 sheets: (LASCA) (NA) (CAS)
395 Delphinium Parishii Gray, ssp. purpureum Lewis & Epl. (Greene) Jeps
2: LASCA, CAS
396 Echeveria Dudleya
397 Viola quercetorum 1 sheet
398 Solanum umbelliferum 3 sheets (LASCA) (RSA) (CANB)
399 Convolvulus
400
401 Phacelia Parryi Torr (P)
402 Fraxinus dipetala 3 sheets (LASCA) (NA) (CAS)
403 Fraxinus dipetala 1 sheet (LASCA)
404 Rhamnus crocea ilicifolia 3: (LASCA) (CAS) (SD)
405 Salix lasiolepis 3: (LASCA) (UC) (SD)
406 ~~Oxytheca~~ Chorizanthe Thurberi Wats det Peirs.
407 Stephanthera Coulteri Greene det Peirs.
2: LASCA, CAS
408
408B - Lotus subpinnatus Lag (P)

408AB Lupinus micranthus var ruber (P)
408 Lotus humistratus (P)
409 Lupinus albifrons var Hallii Jeps (P)
410 Lupinus albifrons var Hallii Jeps (P)
411 Arabis arcuata (det Peirson)
412 Trifolium
413 Silene brevicula Gray det Peirson
414 Eriophyllum confertiflorum v. Ixiflorum (SD) SBBG
415 Castilleia affinis var linariifolia Zeile (P)
416 Malvastrum Parryi Brune. det Peirson
417 Astragalus Trachyspus Brune
418 ~~Orthocarpus~~ Chorizanthe California det Peir
419 Penstemon centranthifolius (P) 2 SHEET: (LASCA)(NA)
420 Astragalus lentiginosus var micaceus (P)
421 Asclepias vestita 1 (LASCA)
422
423 Allium peninsulare Lemmon (P)
424 Lupinus micranthus var denudatus Jeps (P)
425
426
427 Collinsia heterophylla 3 sheets (LASCA)(NA)(CAS)
428
429 Mimulus aurantiacus 3 (LASCA)(NA)(CAS)
430
431 Astragalus trichopodus (P)
432 Stanleya pinnata 1 sheet: (LASCA)

Trona, April 17-18, 1937. ? Argyrotegia
Collecting largely in Cañon, three miles above city, with Ramsey.
433-453 near Randsburg (San Bernardino Co. - west)
454-520 about Trona. (San Bernardino Co. - extreme northwest)

433

434 Lycium andersonii 2 sheets (LASCA)(CAS)

435 Grayia spinosa

436 Mentzelia dispersa (? / alb:corulis D.) 1 sheet

437 Coreopsis

438 Phacelia Fremontii Torr (P)

439 Oenothera Oe. hernensis ssp. gilmanii Dentata var Johnstoni (P) 2 sheets: 1 (LASCA); 1 (SBBG)

440 Cryptantha pterocarya det Peirce

441

442 Orama demissum var deserta

443 Gilia Matthewsii Brig.

444

445 Eriophyllum

446 Eriophylum

447 Eriogonum pusillum T & G. (P)

448

449 Caulanthus inflatus Wats. 3: LASCA, CAS, UCR

450 Astraglus Coulteri (P)

451 ~~Astraglus~~ Lupinus shockleyi (P)

452 Astraglus lentiginosus var Fremontii (P)

453 Astraglus Layneae Greene (P)

454 Lupinus ssp Cubitus Jeps (P)

455 Lupinus Concinnus var decentorum Smith (P)

456 Lotus salsuginosus (P)

457 Lotus

458 Gilia dichotoma Benth at Pecos

459

460 Lepidium ?

461 Eriogonum ? Thomasii Torr (P)

462 ~~Chorizanthe~~ Oxytheca perfoliata

463 Linanthus aureus

464 Gilia

465

466

467 Lepidium flavum

468 Cleomella obtusifolia 5: (LASCA)(CAS)(SD)(UCR)(UCD)

469 Eriophyllum Ambiguum (P) 2 sheets: (BRI)(AD)

470

471 Chorizanthe

472 Pectocarya setosa Gray (at Pecos)

473

474 Castilleja angustifolia (P)

475 Amsinckia

476

477 Plagiobothrys

478 Eriophyllum ambiguum Gray (det Perrin) 2 sheets: (LASCA)(NT) (RR)

479 Gilia leptantha Gray (det Perrin)

480

481 Emmenanthe penduliflora

482

483 Geraea canescens (P)

484 Malva

485 Atrichoseris platyphylla

486 Aster

487

488 Mentzelia Lindleyi eremophila (RR) 2 sheets (CANB)(RAT)

489 Lomatium mohavense C. & R. (det. Perrin) (RR) 4 sheets: (UCLA)(AD)+2

490 Esthschlotzia minutiflora (RR) 1 sheet: (AD)

491 Mirabilis

492 Arabis

493 Sphaeralcea ambigua (P)

494 ~~Lotus~~

495

496 Delphinum Parishii Gray. 2: (LASCA)(CAS)

497 ~~Oenanthera~~ ~~Oenothera~~ Oenothera clavaeformis (P) 1 sheet: (LASCA)

498 Ra finesque

499 Chemocladon ramosissimum

500 Atriplex phyllostegia

501 Wahlenbergia ~~bitriflora~~ breviflora 3 sheets (CLASCA) (NA) (CAS)

502 Ellisia micrantha

503

504

505 Cryptantha nevadensis

506 ~~Plagiobothrys~~ Cryptantha pterocarya var cycloptera (det Peirson) (Brown) Mach.

507

508 Phacelia distans. a variant of the species accd to Peirson (P)

509 Phacelia hispida (P)

510 Phacelia crenulata Torr (P)

511 Thyrsanocarpus curvipes Hook (det Peirson)

512 Mentzelia

513 Amphiscaphus fremontii (det Peirson)

514 Atriplex

515 Atriplex

516

517 Balsamorhiza stellatum Kell. (P)

518

519 Dalea

520

Temecula, Riverside Co. May 22, 1937. (NixonO)
Road S. to Warners

521

522 Silene

523 Eriguon

~~524 Calochortus~~

525 Gilia liniflora Benth var Pharnaceoides (at Penrose)

526 Chorizanthe

527 Gilia virgata (Benth) Eland (at Penrose)

✓528 Mimulus brevifes (P) 3 sheets: (LASCA)(NA)(CAS)

529

530 Lonicera

✓531 asclepias Californica 2 sheets: (LASCA)(SBBG)

531A = ~~Epilobium~~ Godetia quadrivulnera (P)

Near Anza. Cahuilla Valley May 22, 1937.

✓532 Nicotiana bigelovii var. wallacei 2 sheets: (LASCA)(GRI)

✓533 Mimulus longiflorus (P) 2 sheets: (LASCA)(NA)

✓534 Mimulus bigelovii (P) 2 sheets (LASCA)(NA)

✓535 Antirrhinum coulterianum 2 sheets: (LASCA)(CAS)

✓536 Antirrhinum coulterianum 2 sheets: (LASCA)(NA)

537

Santa Rosa Mountains near Santa Rosa Indian reservation
May 22,1937. With Nixon. Pines to Palms Riverside Co. (coo. central)

538 Orbanche californica Pear

539 Nolina Parryi

✓ 540 Argemone platyceras munita (DS) 1 sheet: (CANB)

✓ 541 Streptanthus campestris · 2 sheets (LASCA)(DC)

542 Monardella nana Pear.

543 Eriodictyon Parryi

✓ 544 Penstemon clevelandii var connatus 2 SHEET to: (LASCA)(SBBG)

✓ 545 Arctostaphylos pringlei ssp. drupacea 1 SHEET: (LASCA)

546 Trichostema

547 Montia

548 Brodiaea capitata (P)

✓ 549 Mimulus ~~guttatus var~~ nasutus 3 sheets: (LASCA)(NA)(CAS) Pear.

✓ 550 mimulus rubellus Gray 3 sheets (LASCA)(NA)(CAS) Pear

551 Phacelia brachyloba (Benth.) Gray (P)

552 Montia

553 Linum

554 Galium Andrewsii Pear

✓ 555 Mimulus diffusus Grant 3 sheets (LASCA)(NA)(CAS) Pear

556 Mimetanthe pilosa Green Pear

557 Gilia inconspicua Pear

558 Gilia gilioides Pear

✓ 559 Mentzelia albicaulis pinetorum (DS) 1 sheet: (AD) Pear

560

560 Oenothera micrantha (P)

561

562 Collinsia concolor (SW) 2 sheets; (AD) + 1

563 Plagiobothrys californicum var fulvescens Johnston (det Peirson)

564 Oenothera micrantha

565 Lupinus concinnus var

566 Arabis maxima (det Peirson)

567 Penstemon centranthifolius (P)

568 Penstemon centranthifolius (P)

569

570 Phlox Douglasii var austromontana

571 Astragalus douglasii var Parishii Jones (P)

572 Castilleja miniata var oblongifolia Munz (P)

573 Oxytheca emarginata Pear

574 Arctostaphylos PRINGLEI ssp. drupacea 3 SHEETS: (LASCA) (CAS) (NA)

575 Arctostaphylos cf. hybrid between A. pungens + A. glandulosa 2 sheets: 1 (LASCA), 1 (SBBG)

576 Astragalus douglasii var Parishii (P)

577 Ceanothus fendleranus (Wolfe) 1 (LASCA)

578 Arabis perennans (det Peirson)

579 Amelanchier alnifolia var pallida 2 (LASCA) (SD)

580 Ribes Nevadense 2 (LASCA) (SD) Pear

581 Lithophragma affinis affine subsp. mixtum 1 sheet: (UC) Pear

582 Delphinium parishii 1 sheet: (LASCA)

583 Viola quercetorum (DW) 1sheet

584 Streptanthus 1sheet (LASCA)

585 Erigeron

586 Lathyrus

587 Sphaeralcea ambigua Gray (P)

588 Antirrhinum Coulterianum 2 sheets: (LASCA) (NA)

589 Cirsium occidentale (DW) 1sheet: (BRI)

590 Lotus strigosus (P)

590A Calochortus

590b Gilia dianthoides Pear

590C Galium angustifolium Nutt Pear

590D Streptanthus campestris 2sheets: (LASCA) (DC)

590e Sarcodes sanguinea 1: (LASCA)

590f Lupinus concinnus Agardh. (P)

591 Castilleia latifolia (P)

✓592 Mimulus guttatus DC (P) 2 sheets (LASCA) (NA)

✓593 Mimulus aurantiacus Curt (P)
2 sheets (LASCA) (NA)

594

✓595 Heracleum lanatum det (Peirson) (W) 1 sheet: (UCLA)

✓596 Scrophularia californica (P)
2 sheets: (LASCA) (NA)

597 Astragalus vestitus var inaequalis Jones (P)

598 Vicia americana (P)

599 Geranium polyanthes (det Peirson)

600

602

602 Rorippa nasturtium aquaticum (det. Peirson)

✓603 Heuchera pilosissima F+M 2 sheets (LASCA) (UC)

604

605 Epilobium Watsoni var franciscanum (P)

✓606 Platystemon californicus (W) 1 sheet

Palm Springs; lower part Pinesto Palms. May 15, 1937.

610

611 Sphaeralcea ambigua ssp. ambigua 2 (LASCA) (VT)

612 Penstemm antirrhinoides (at Perris)

613 Phacelia Parryi Torr (P)

614 Sidalcea

615L Lotus argophyllus var decorus (P)

616 Penstemon

617 Gilia inconspicua (Smith) Greene at Perris

Palm Springs Apr. 5, 1935.

618 Sphaeralcea

619 Fagonia chilensis H & A. (at Perris)

620 Phoradendron

621

622

623

Snow Creek, Coachella Valley, March 18, 1934. With McGregors

624 Penstemm antirrhinoides Riverside Co., Calif. (east of Palm Springs) central

625 Clematis pauciflora Nutt. 2: (LASCA) (UCR)

626 Gutierrezia californica (at Perris)

627

628

629

629

630 Ranunculus californicus Berch. 2 (LASCA) (SD)

631 Prunus ilicifolia 2 (LASCA) (UC)

632 Delphinium Parishii Gray ssp. subglobosum (Wiggins) Lewis & Epl. 1 (LASCA)

633 ~~Funastrum~~ Sarcostemma cynanchoides ssp. Hartwegii 1 (LASCA)

634 Muilla serotina (P)

635 Stillingia linearifolia Urb. (det Perrin)

636 ~~Funastrum~~ Sarcostemma cynanchoides ssp. Hartwegii 3 = LASCA SBBG SD

637 Castilleja foliolosa H & A. (Per)

638 Covellea

639 Gilia capillaris Kell. det Perrin

640 Lupinus spaniflorus (P)

641 Condalia parryi 1 sheet: (LASCA)

642 Ellisia occidentalis (Greene. (det Perrin)

643

644

645 Phacelia minor (Hook) Mach. (P)

646 Vitis girdiana 2 sheets (LASCA) (SBBG)

647

648

649 Lupinus spaniflorus (P)

Red Rock Canyon, April 1st, 1935.
E. Kern Co., St Hwy 14 650 to 670 det. F. Peirson, 1937.

650 ~~Astragalus flavum~~* Lepidium flavum

651 Astragalus laynae

652 Lupinus densiflorus

653 Eriogonum pusillum

654 Abronia villosa

655 Astragalus pachypus

656 Phacelia tanacetifolia

657 Chorizanthe

658 Plagiobothrys arizonicus

✓659 Mimulus palmeri 4 sheets: (LASCA) (NA) (CAS) (SBBG)

660 Erysimum aspera

661 Gilia parryi

✓662 Eriophyllum ambiguum (SBBG) 1 sheet

663 Rafinesquia neomexicana

✓664 Mentzelia affinis rectinota (SBBG) 3 sheets: 1 (NT), (BRI) (AD)

✓665 Mentzelia lindleyi ~~eremophila~~ (SBBG) LASCA

✓666 Oenothera primiveris 1 sheet: (LASCA)

667 Anisocoma acaulis

- - - - - - - - - - - - - - - - - -

Elev. 5250' N.E. Kern Co. (St Hwy 178 crosses it)
Walker Pass, Apr. 1, 1935. 671 to 679 det. F. Peirson

671 Phacelia fremontii

672 Eriophyllum Wallaceii

673 Amsinckia tesselata

674 Oenothera kernensis 2 sheets: (LASCA)(SBBG)

675 Gilia inconspicua

676 Sisymbrium pinnatum — Descurainia pinnata ssp. glabra 2: (LASCA)(CAS)

677 Gilia latiflora

678 Linanthus aureus

679 Oenothera dentata

780 Anisocoma acaulis

681 Mentzelia ~~affinis~~ Veatchiana 2 / (SW) 1 sheet: (AD)

682 Nemophila

683 Thelypodium lasiophyllum var. utahense
3 sheets: LASCA, CAS, UCR.

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southeast Kern Co.

Mojave - March 16, 1935.
No. and East of city. 684 - 704 det. F. Peirson

684 Sisymbrium pinnatum — Descurainia pinnata ssp. glabra

685 Caulanthus heterophyllus — Thelypodium lasiophyllum var. utahense 2: LASCA, CAS

686 Eriogonum nudum var. pubiflorum

687 Eriogonum nudum

688 Gilia latiflora

689 Aplopappus linearifolius

690 Coreopsis calliopsidea

691 Phacelia tanacetifolia

692 Phacelia fremontii ~~var. glabrata~~

693 Malocothrix californica var. glabrata

Mojave - continued

694 Tropidocarpum gracile

695 Gilia

696 Aster abatus

697 Lupinus odorata

✓ 698 Stanleya pinnata 1 sheet: (LASCA)

✓ 699 Oenothera dentata var. Oe. campestris ssp. parishii (Walker Pass) 1. LASCA

700 Monardella exilis

✓ 701 Eschschlotzia glyptospernum minutiflora (Jtn) 1 sheet

702 Gilia vergata

✓ 703 Mentzelia affinis ~~affinis~~ albicaulis (Jtn) 1 sheet: (NT)

704 Camptopappus sphaerocephala

705 Oenothera clavaeformis (P)

706 Gilia Darsi Mulken det Peirson

✓ 707 Caulanthus inflatus 2: LASCA, CAS

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Near Jacumba, San Diego Co., April 15, 1935.

708 Dalea

709 Eriogonum reniforme Torr & Fre (P)

710

✓ 711 Delphinium parishii ssp. subglobosum 3 sheets: 1 (LASCA) 1 (SBBG); 1 (NA)

712 Malvastrum ?

✓ 713 Nicotiana trigonophylla 2 sheets: (LASCA) (NSW)

714 Senecio mohavensis

715

JQacumba, Continued

716 Krameria

717 SIMMONDSIA CHINESIS 2 sheets (LASCA) (SBBG)

718 Lotus tomentellus Greene (P)

719 Oenothera clavaeformis (P)

720

721 Stephanomeria panciflora (det Peirson)

722

Palmdale, May 6, 1935.
Highway between Cajon Pass and Palmdale.

723 Lotus strigosus

724 Sisymbrium altissimum L (det Peirson) (P)
1 sheet: to (LASCA)

725 Choricanthe

726 Plagiobothrys

727

728

729 Prunus fasciculata 3 (LASCA) (SD) (UC)

730 Delphinium Parishii Gray. 2 sheets: LASCA, CAS

731 Gilia

732 Phacelia

733

734

735 Gilia brevicula Gray M Peirson

Palmdale, continued

✓736 Platystemon californicus (LW)

737 Eriophyllum

738 Gilia

739 Gilia latiflora Gray dt Penrose

740 Allium fimbriatum Watson (P)

741 Gilia latiflora Gray. dt Penrose

✓742 Viola aurea ssp. mohavensis (LW) 1 sheet

~~743 Calochortus kennedyi~~

744 Draba

745 Mentzelia

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San Bernardino (extreme south-central)

2571' Morongo Valley and Twentynine Palms 2000'
(So. California Botanical Trip) April 15, 1935

746 Plagiobothrys

✓747 Mentzelia laevicaulis involucrata (LW) (KUN) 1 sheet

✓748 Mohavea confertiflora 1 sheet: (LASCA)

✓749 Oe. boothii ssp. condensata / Oenothera decorticans } 1 sheet: (LASCA)

✓750 Eschschlotzia parishii (LW) 4 sheets: (LASCA)(KUN)(AD)

751 Sphaeralcea

752 Aster abatus

✓753 Mentzelia nitens (P) (LW) 1 sheet SIV

754 Phacelia campanularia Gray (P)

755

✓756 Pinus cembrioides var. monophylla 2 sheet (LASCA)(NA)

Morongo Valley continued.

757 Eriogonum

758 Gilia matthewsii Gray at Perrin

759 Gilia scopulorum (?) at Perrin

✓760 Oe. clavaeformis ssp. piersonii. Oenothera clavaeformis (P) 1 sheet: to LASCA

761 Phacelia crenulata Torr (P)

✓762 Stanleya pinnata 1 sheet: (LASCA)

✓763 Physalis crassifolia v. crassifolia 2 sheets: 1 (LASCA) 1 (SBBG)

✓764 Echinocereus triglochidiatus (P) SIU

765 Gilia inconspicua at Perrin

✓766 Lycium ~~CREMADOT~~ Cooperi 2 SH: (LASCA), (~~LAS~~) (SBBG)

767 Amsonia brevifolia

768

769 Oenothera

770 Chorizanthe rigida T & S. (at Perrin)

771 Phacelia crenulata Torr (P)

772

773 Mirabilis

774 Atrichoseris platyphylla

775 Oenothera deltoides

776 Lotus salsuginosus (P)

777 Astragalus

778 Malvastrum rotundifolium

✓779 Amsonia tomentosa ~~brevifolia tomentosa Jepson~~ 1 sheet (LASCA) det Perrin

Morongo Valley, Con.

780 Physalis CRASSIFOLIA var. crassifolia 2; (LASCA), (CAS).

781 ~~Astragalus~~ Dalea mollis (P)

782

783 Calyptridium

784 Streptanthus ~~cooperi~~ bernardinus (det Peirson) 4 sheets: (LASCA) (UCR) (SD) (SBBG)

785 Halliophytum hallii : Secuningea

786 Platystemon cp) fornicus (dw) 1 sheet

787 Sphaeralcea

788

789 Eriophyllum

790 Yucca mohavensis

791 Draba

792 Oenothera leptocarpa Greene (det. Peirson)

793 Forestiera neomexicana Gray (det Peirson) 3 sheets 1(LASCA) 1(NA) 1(CAS)

794 (Sisymbrium) Descurainia pinnata ssp. glabra 3:(LASCA)(UCR)(CAS)

795 Plagiobothrys

796 Mentzelia nitens (dw)

797

798 Thamnosia

799 Ephedra

800 Layia

801 Eriogonum Thurberi Torr (P)

802 Phacelia distans. accd. to Peirson this is a variant of distans species

Morongo Valley, con.

803 ~~Astragalus~~ Dalea parryi (P)

804 Streptanthella longirostris det Peirson

805 SIMMONDSIA CHINENSIS 2 sheets (LASCA)(SBBG) 1 to LASCA

806 Condalia parryi 2 sheets: (LASCA)(SBBG)

807 Prunus fasciculata 2 (LASCA)(UC)

808 Coleogyne ramosissima 2 (LASCA)(UC)

809 Juniperus

810 Plagiobothrys

811 Eriogonum

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812 San Gabriel River, June 1937.

812 Delphenium cardinale 2 sheets: 1 (LASCA); 1 (SBBG)

813 (Echeveria) Dudleya sp. 1 sheet (SD)

Big Sur, July 3, 1937.

814 Lupinus arboreus Smith (P)

815 Conium maculatum L. det Peirson (SD) 1 sheet (BRI)

816 Rhamnus californica typ (det Peirson) 3: (LASCA) (CAS) (SBBG)

817

818 Agoseris grandiflora (det Peirson)

~~819~~

~~820~~ ~~Mimulus~~

~~821~~

~~822~~ ~~Echeveria~~

Lompoc, July 3, 1937.

819

820 ~~Mimulus~~ Mimulus longiflorus aurantiacus (P)
2 sheets: (LASCA) (NA)

821 Antirrhinum multiflorum 2 sheets (LASCA) (SBBG)

822 (Echeveria) Dudleya lanceolata 2 sheets (SD) date to

823 Gilia densifolia Benth. et Perum densifolia

824 Silene

825 Chorizanthe Californica (Benth) Bray (ex Ber

826 Lotus

827 Lillium humboldti

828

829

830 Along road side. Subsp except from cultivated or from scattered seeds

---

Soldier's Creek, San Gabriel River Canyon.
July 17, 1937. Los Angeles Co. (east)

831 Zauschneria latifolia

832 Mimulus cardinalis 1 sheet (LASCA)

833 Phacelia Californica (P)

834 Epipactis gigantea 3 sheets: (LASCA) (CAS) (UCR)

835

836 Lotus grandiflorus Benth (P)

837 Trifolium

Soldier's Creek, continued.

✓ 838 Asclepias fascicularis 2 sheets: (LASCA)(SBBG)

839

840 Gilia tenuiflora Benth at Pierce

✓ 841 Mimulus floribundus (P) 3 sheets: (LASCA)(NA)(CAS)

842 ~~Penstemon~~ Keckiella ternata ternata

843 Mentzelia

844

Rock Creek from Tom's Place 7160' to 11,000 ft. Mono Co. (ext. S.W.)
July 24, 1937. (with Dr. Harvey)

844 Orthocarpus

845 Epilobium brevistylum (P)

846 Epilobium glaberrimum Barbey (P)

847 Erigeron

✓ 848 Thalictrum polycarpon (Torr.) Wats. 1 sheet: LASCA

849 Polemonium occidentale

✓ 850 Mimulus lewisii 3 sheets: (LASCA)(NA)(SBBG)

851 Kellogia galioides Torr (P)

852 Stellaria

853 Arabis drummondi det Peirson

854 Geranium ridhardsonii

855 Apocynum androsemaefolium var. ~~nevadense~~ glabrum
3 sheets: (LASCA)(SBBG)(NA)

✓ 856 Cornus californica ~~stolonifera~~ (P) US

✓ 857 Smilacina ~~sessilifolia~~ stellata 1 sheet: LASCA

Rock Creek, continued.

858 Penstemon Bridgesii Gray (P) 2 SHEETS (LASCA)(SBBG)

859 Lupinus laxiflorus var. ingoensis Jeps. (P)

860 ~~Epilobium~~ Boisduvalia glaberrima Douglas

861 Gentiana amarella ~~var. acuta~~ 3 sheets: (LASCA)(NA)(CAS)

862 Sisyrinchium ~~bellum~~ idahoense 2 : 1 (LASCA) 1 (CAS)

863 ~~Sisymbrium incisum var Hartwegiana~~ Descurainia californica 3 (LASCA)(CAS)(UCR) (det Rollins)

864 Rosa californica 2 sheets 1 (LASCA) 1 (UC)

865 Betula (fontinalis) occidentalis 2 : 1 (LASCA)(UC)

866 Cercocarpus ledifolius 3 (LASCA)(UC)(SD)

Sonora Pass, July 25, 1937.

Tuolumne Co. E. slope 9626 northeast

867 Artemisia rothrockii

868 Veratrum californicum 1 sheet: LASCA

869 Sedum obtusatum
4 sheets: (SD)(UCR)(UC)(~~HHH~~)(LASCA)

870 Chaenactis nevadensis (P) 1 sheet

871 Ribes leptanthum lasianthum (Brewer) Jeps. (P)
2 sheets (LASCA)(UC) R. lasianthum

872 Lupinus albicaulis Dougl. (P)

873 ~~Epilobium~~ Kellogia galioides Torr. (P)

874 Nemophila

875 Boisduvalia ramosissimum T & G. (P)

876 Potentilla

877 Eriogonum spergulinum Gray (P)

Sonora Pass, Contiued

877A Erigeron compositus

877B Lupinus *L yallii var villosus Jeps* (P)

✓877C *Anemone baldensis L.* (det Perrum) 1: LASCA

877D

877E *Polemonium occidentale Greene* (det Perrum)

878 Senecio

879 Senecio lugens var. exaltatus

880 Helenium hoopesii

881 Allium *campanulatum Watt* (P)

882 Monardella villosa var. sheltonii

883 Polygonum

✓884 *Streptanthus tortuosus var. orbiculatus* ~~Galia~~ *aggregata at Perrum* 2 sheets: (SCBG) (LASCA)

885 Arabis drummondii

886 Stachys

887

✓888 Spiraea *lemoiflora* 2 (LASCA)(CIC)

889 Lupinus *albicaulis Dougl.* (P)

890 Wyethia mollis

891

892 Trichostema oblongus

893 Eriophyllum lanatum var. monoensis

Between Sonora Pass and Sonora.
Elev. 5828' Dardanelles area. July 25, 1937
Tuolumne Co. (northeast) or Alpine

894 Adenocalllum bicolor

✓ 895 Ranunculus uncinatus D. Don 4: (LASCA) (CAS) (SD) (UCR)

✓ 896 Lithophragma bolanderi 2: (UC) (SD)

897 Epilobium brevistylum (P)

898

899 Kelloggia galioides Torr (P)

900 Circaea pacifica

901 ~~Epilobium~~ Boisduvalia glabella

902 ~~Epilobium~~ Clarkia rhomboidea (P)

902A Epilobium brevistylum (P)

903 Sphaeralcea

904 Cryptantha

905 Hypericum formosum var. scouleri

906 Lotus

✓ 906A Mimulus leptaleus 1 sheet: (LASCA)

906B Trichostema oblongum (at Pomona)

906C Lotus americanus (at Pomona)

✓ 907 H. unalascensis Habenaria sparsiflora 1 sheet (LASCA)

✓ 908 Chamaebatiaria millefolium (esc. folder)
Chamaebatia foliosa Benth. 1 sheet to LASCA

90 ---

Rock Creek, July 24, 1937. Mono Co (extreme southwest)

909 Gilia

910 Gilia virgata at Pomona

Rock Creek, continued.

911 Erysinum

912 Arenaria capillaris

913 Polygonum

914 ~~Epilobium~~ Dayophyllum lasiospermum P

915 Gilia leptalea (Brey) Rune at Penin

916 Polygonum imbricatus

917 Trifolium

918 Montia chamissoi ?

919 Collinsia parviflora Dougl (at Peirson) 1 sheet (LASCA)

920 Mimulus ~~primuloides~~ Breweri 1 sheet (LASCA)

921 Kellogia galioides Torr

922 Epilobium

923 Collinsia parviflora (at Penin) 1 sheet (LASCA)

---

15 miles above Bishop Mono Co (extreme southwest)

924 Eriogonum

925 Stephanoneria

926 Eriogonum

927 ~~Eriogonum~~ Oxytheca dendroidea Nutt (P)

Rock Creek, July 24, 1937.

928 Coldenia

929 Potentilla

Rock Creek, continued Mono Co. (extreme so. west)

930 Phacelia heterophylla (P)

931 Senecio

932 Gilia

✓933 Fragaria platypetala 1 sheet (LASCA)

✓934 Heuchera rubellus H. subsecans var. alpicola Rosend. 2 sheets (LASCA)(UC)

✓935 Salix jepsonii 3 (LASCA)(UC)(ED)

936 Ledum glandulosum Ledum glandulosum

937 Veronica alpina (det Pennell)

938 Circium maculatum

939 Arabis recunda Howell det Pennell

940 Symporicarpus rotundifolium

941 Dryanthus brewerii

942 Potentilla

943 Erigeron

944 Rumex paucifolius

✓945 Penstemon newberryii Newberryii 1 SHEET: to LASCA

946 Senecio mendecino

✓947 Thalictrum sparsiflorum Turcz. 1 sheet: LASCA

948 Monardella

949

950 arenaria capillaris (det Pennell)

✓951 Saxifraga aprica Greene 1 sheet to LASCA

✓952 Habenaria dilatata var. leucostachys 1 sheet: LASCA

953 Montia

Sonora Pass, July 25, 1937.

Tuolumne Co.

954 Pinus albicaulis 2 sheets 1(LASCA) 1(NA)

955 Pinus contorta var. murrayana 1 sheet (LASCA)

956 Pinus flexilis 1 sheet (LASCA)

San Gabriel Canyon, July 31, 1937

957 Mentzelia laevicaulis (Dn) 2 sheets: (NT)(AD)

Southwest Kern Co.

McKittrick - Taft -- Maricopa April 1935.

958 Lupinus nanus ? dt Pierson.

959 Streptanthella longirostris (det Peirson)
2: LASCA, SD.

960 Hemizonia angustifolia DC det Peirson

961 Layia glandulosa var heterotheca dt Peirson

962 Mentzelia lindleyi (Dn) (NT), (AD) dt Peirson

963 Monolopia major dt Peirson

964 Phacelia tanacetifolia Benth (P)

965 Phacelia distans Benth (P)

966 Monolopia gracilens Gray det Peirson

967

968

969 Lupinus microcarpus Sims. (P)

970 Lupinus superbus (P)

971 Lupinus microcarpus Sims (P)

972 Salvia carduacea

973 Malacothrix coulteri Gray (dt. Peirson)

974 Malacothrix californica var glabrata (Peirson)

✓ 975 Thelypodium lasiophyllum Greene 1 sheet: (LASCA) (dt Peirson)

976 ~~Castilleja~~ Orthocarpus attenuatus Gray (P)

977 ~~Oxytheca~~ chorizanthe californica (Bentl) Gray. dt Peir

✓ 978 Mentzelia AFFINIS (AW) 1 sheet: (LASCA)

979 Hemizonia anguistifolia D.C. det Peirson

980 Baeria

981 Chaenactis

982 Astragalus lentiginosus var nigricalycis (P)

983 Baeria

984 Lupinus Nanus Lindl (P)

985 Gilia

✓ 986 Collinsia heterophylla 1 sheet: (LASCA)

987 Amsinckia

✓ 988 Oenothera ~~pa. kernensis~~ ~~sep. gilmaniii~~ dentata var Johnstonii (P) 1 (LASCA)

✓ 989 Oenothera ~~O. boothii sep. decorticans~~ decorticans dt Peirson 1 sheet: (LASCA)

✓ 990 Delphinium sp. (3 sheets: to LASCA undescribed acct Peirson

991 ~~Sidalcea~~ Malvastrum Parryi. Greene dt. Peirson

✓ 992 Mentzelia gracilenta var Nitens AFFINIS (AW) AD (P)

✓ 993 Eremalche (Malvastrum) kernensis Wolfe - 2 sheets (LASCA) (NT)

✓ 993 A Layia

993 B Papaver Stylomecon heterophylla (AW) 1 sheet: (AD)

Fresno Co. (south-east)

King City to Coalinga. May 25 1935 State Hwy. 198
Along highway.

✓ 994 Delphinium Parryi dt Peirson 2 (LASCA)(CAS)
Lompoc vayiation

✓ 995 Delphinium Parryi dt Peirson 2 (LASCA)(SBBG)
sport

✓ 996 Mimulus nasutus dt Peirson
4 sheets (LASCA)(NAS)(CAS)(SBBG)

✓ 997 Dicentra chrysantha (MW) dt Peirson 3 sheets: (LASCA)(CANB)(BRI)

✓ 998 Cirsium occidentale (JW) 1 sheet: (CANB)

✓ 999 Oenothera deltoides dt Peirson 1 sheet: (LASCA)

1000 Lupinus densiflorus dt Peirson

1001 Chorizanthe biloba ?

1002 Erisymum

✓ 1003 Collinsia heterophylla 1 sheet: (LASCA)

✓ 1004 Eriophyllum confertiflorum v. laxiflorum (JW) 2 sheets (AD) +1

1005 Eriodictyon

1006 Brodiaea laxa

1007 Brodiaea coronaria

1008 Epilobium

✓ 1009 Solanum umbelliferum 3 sheets: (LASCA)(RSA)(AD)

Hockett Meadows, Sequoia Park,
Kaweah River South Fork Meadows
Pecks Canyon August 1933.

* 1010 to 1089 det. Carl C.B. Wolf.

1010 Leptodactylon nuttalli (Gray) Rydt

1011 Lupinus latifolius Agardh
var columbianus (hll) C.P.Smith

1012 Lupinus superbus elongatus (Green) C.P.Smith

✓ 1013 Delphinium decorum J. & M. 1 sheet: LASCA

1014 Calochortus nudus Wats.

✓ 1015 Mimulus ~~guttatus~~ nasutus 3 sheets (LASCA) (NA) (SBBG)

1016 Brodiaea coronaria Salisb.

1017 Hypericum anagalloides C & S

1018 Helenium bigelovi Gray.

1019 Pedicularis groenlandica Retz

1020 Stachys albens juliensis Jepson

✓ 1021 Mimulus ~~longipes ? Goldie~~ primuloides Benth var. pilosellus 3 sheets: (LASCA) (NA) (CAS)

1022 Stellaria longipes ? Goldie

✓ 1023 Mimulus ~~fremontii viscidus (Congdon) Jepson~~ subsecundus 2 sheets: (LASCA) (NA)

✓ 1024 Mimulus mephiticus Greene 1 sheet (LASCA)

1025 Trifolium monanthum Gray

✓ 1026 Potentilla glandulosa Nevadensis Wats.

1027 Potentilla campestris (rydb) Jeps.

1028 Potentilla gordoni (Hook) Greene

1029 Senecio covillea Greene

1030 Solidago corymbosa Nutt

✓ 1031 Saxifraga aestivalis Fisch ~~integrifolia Hook~~ 1 sheet (LASCA)

✓ 1032 Saxifraga integrifolia Hook var sierrae Cov. 2 sheets (LASCA)(UC)

1033- -
MINERAL KING Sept 1932 Tulare Co, Det CB, Wolf
1 Sep 1932 accd. sheet: n# 1043

1033 Nemophila spatulata Cov.

✓ 1034 Aquilegia pubescens Cov

✓ 1035 Senecio fremonti occidentalis Gray (SD) 3 sheets: (NT) + 2
10000 Ft

1036 Epilobium obcordatum puberulum Jeps
11000 Ft

1037 Solidago corymbosa Nutt
11000 ft

✓ 1038 Swertia perennis obtusa Griseb.

✓ 1039 Sisyrinchium idahoense Bick 2 sheets: (UC)(CAS)
Franklin Lk 11000

✓ 1040 Saxifraga aestivalis Fisch 2 sheets (LASCA)(UC)

1041 Phlox douglasi Hook

1042 Zauschneria latifolia Greene

✓ 1043 Senecio Triangularis (SD) US

1044 Senecio serra altior "eps

1045 Potentilla gracilis rigida "ats

1046 Potentilla glandulosa var

1047 Penstemon Newberryi Gray

✓ 1048 Penstemon ~~confertus var coeruleo-purpureus Gray~~ HETERODOXUS 2 SHEET (LASCA); (CAS)

1049 Polygonum bistortoides Pursh

✓ 1050 Parnassia palustris californica Gray 1 sheet (LASCA)

✓ 1051 Pirola secunda L. 3 sheets: (LASCA)(CAS)(SBBG)

Monardella odoratissima Benth

✓1053 Mimulus guttatus ~~var~~ 3sheets: (LASCA)(NA)(CAS)

✓1054 Mimulus ~~rubellus Gray probably breweri~~ var Brewer (Greene) Cov 2(LASCA)(NA)

1055 Potentilla glandulosa lactea Green

✓1056 Gentiana amarella ~~acuta Heider~~ 1sheet(LASCA)

1057 Oxyria digyna (L) Hill

1058 Mertensia ciliata stomotechoides(Kell) Jepson

1059 Silene Watsoni Rob.

✓1060 Streptanthus, tortuosus orbiculatus Kell 1 sheet: (LASCA)

1061 Sidalcea spicata Greene

1062 Solidago corymbosa Nutt

1063 Eupatorium occidantale Hook

1064 Aster andersoni Gray

1065 Artemisia vulgaris lindleyana (Besser) Hall& Clem

✓1066 Apocynum ~~androsaemifolium~~ pumilum Gray 1sheet (LASCA)

✓ 1067 Holodiscus discolor dumosus (Nutt)Dippel
H. boursieri 2 (LASCA)(UC)

1068 Lilium pardalinum

1069 Linum lewisi Pursh

✓1070 Gentiana holopetala Holm 2 sheets: (LASCA)(NA)

✓1071 Gentiana calycosa Griseb 2 sheets: (LASCA)(NA)

1072 Trifolium involucratum Ort

10,000' ✓ 1073 Heuchera rubescens pringlei (Rydb) Jepson
2(LASCA)(UC) var. alpicola Jepa. (N.Z.)

1074 Eriogonum Wrighti Torr.

1075 Erysimum asperum perenne Cov.

✓1076 Dodecatheon jeffreyi Moore 3 sheets (LASCA) (CAS) (NA)

1077 Erigeron coulteri

1078 Allium validum 1079

1079 Arnica latifolia Est 1080

1078 Allium campanulatum Wats

1081 Aster adscendens Lindle

1082 Erigeron coulteri

1083 Castilleja miniata Dougl

1084 Chrysopsis breweri

1085 Convolvulus chartaceus Jeps

1086 Lupinus superbus elongatus (Greene)C.P.Smith

1087 Epilobium obcordatum puberulum jeps

1088 Eriogonum umbellatum

1089 Eriogonum nudum Dougl

↑ Determined by C. B. Wolf - - -

1097 Scutellaria

1098 Mentzelia Nitens (W) 2sheet (P) OK

1099 asclepias cordifolia 2(LASCA)(SBBG)

1100 ~~Lupinus~~ farnum (P)

1100 Lupinus albicaulis (P)

1101 Arabis arcuata det Peirson

1102 Trifolium

1103 Chenactis

1104 ----------

Badger May 26, 1935 Tulare Co. (north central)

1104 Mentzelia dispersa (W) 1sheet

1105

1106 Mimulus arenarius 1sheet (LASCA)

1107 Castilleja

1108 Calochortus

1109 Brodiaea ixioides (P)

1110 Calochortus

1111 Papaver Stylomecon heterophylla (W) 2sheet

1112 Vicia

1113 Collinsia heterophylla 3sheets: (LASCA)(NA)(CAS)

1114 Arctostaphylos patula ssp. patula 2 SHEETS: (LASCA)(NA)

1115 ~~Penstemon~~ breviflorus (P) KECKIELLA BREVIFLORA 1 SHEET: (LASCA)

1116 Ceanothus leucodermis 1(LASCA)

1117 Fremontia Fremontodendron californicum (W) 2sheet (NT);(AD)

1118 Brodiaea volubilis

Tulare Co.

Mineral King Sept 1935

✓ 1119 Prunus Rimus murrayana 1 sheet (LASCA)

✓ 1120 Ribes cereum Dougl 3 sheets (LASCA)(UC)(S D)

✓ 1121 Juniperus 3 sheets: 1 (LASCA) 1 (UC) 1 (NA)

1122 Smilacina

✓ 1123 Ribes Nevadense 5 (LASCA)(UC)(UCR)(PHH)(NA)

✓ 1124 Ribes montigenum McCl (P)

✓ 1125 Cornus Stolonifera (YU) 2 sheets 3 sheets (LASCA)(UC)(SD)

1126 Arceuthobium

✓ 1127 Acer glabrum Torr var. torreyi 2 sheets (LASCA)(SBBG)

✓ 1128 Actaea a. rubra ssp: arguta spicata arguta 1 sheet: (LASCA)

~~1129~~ Santa Maria, Santa Barbara Co.
April 6, 1935

1129 Malacothrix

1130 Cryptantha

1131 Lupinus truncatus Nutt (P)

1132 Amsinckia

1133 Layia

1134 Lupinus nanus Dougl (P)

1135 Godetia quadrivulnera (P)

1136 Lupinus Chamissonis Eschs (P)

1137 Phacelia distans (variant) (P)

1138 Orthocarpus

1139 Senecio

1140 Ranunculus californicus Benth. 4 sheets (LASCA) (CAS) (SBBG) (UCR)

1141 ~~Gilia~~ Linanthus ~~dichotomus Benth~~ grandiflorus (Benth) Greene at Pecan

1142 Lupinus benthamii Heller (P)

1143 Nemophila ?

1144 Lupinus concinnus (P)

1145 Collinsia bartsiifolia 2 sheets: (LASCA) (NA)

1146 Gilia

1147 Linaria canadensis var. texana 4 sheets: (LASCA) (NA) (CAS) (SBBG)

1148 Layia

1149

San Francisco, May 25, 1935 San Mateo, Santa Clara, or Santa Cruz Co.

Skyline Drive South to Big Basin

1150 Anisocoma

1151 Ceanothus thyrsiflorus (Wolfe) 1 (LASCA)

1152 Ceanothus thyrsiflorus " 1 (LASCA)

1153 Hypocheris radicata L (det Peirson)

1154 Sisyrinchium bellum 3 (LASCA) (CAS) (SD)

1155 Lupinus arboreus Sims (P)

1156 Ranunculus californicus 5 sheets: LASCA, CAS, SD, UCR, NA

1157 Lupinus arboreus Sims (P)

1158 Fragaria californica 2 sheets 1 (LASCA) 1 (UC)

1159 Aster

1160

1161 Geranium

1162 Castilleja latifolia H+V&A (P)

1163 Orthocarpus augustifolia (Benth) (DC) Nutt

1164

✓1165 Sanicula menziesii H&A crassicaulis (H) (det Peirson) 2 sheets: (UCSB) (CAS)

1166

✓1167 ~~Penstemon~~ Scrophularia californica (P) 1 sheet: (LASCA)

1168 Brodiaea hyacinthina (P)

✓1169 Iris douglasiana 1: LASCA

Santa Cruz, May 25, 1935.

Santa Cruz Co.

✓1170 Arbutus menziesii 2 sheets: 1 (LASCA) 1 (NA)

1171 Lupinus rivularis ~~Jepson~~ Dougl. (P)

✓1172 Quercus ~~sp.~~ 1 sheet to LASCA

✓1173 Ceanothus papillosus (Kellogg) 1 sheet: (LASCA)

✓1174 AESCULUS CALIFORNICA 2 sheets (LASCA) (SBBG)

1175 ~~Bacris~~ Monolopia gracilens Greg det Peirson

✓1176 Collinsia heterophylla 2 sheets: (LASCA) (SBBG)

1177

1178 Gilia peduncularis Eastwood det Peirson

1179 Lupinus rivularis Eng. Watsonville (P)

1180 ~~Astragalus~~ "

Vicia americana (P)

West of Yuma, Oct 17,1937..

1181 Aster

1182

1183

Santa Rosa Mountains, Oct.20. 1937.

1184 Stephanomeria vergata Benth (det Peirson)

1185 Adenostoma sparsifolium 3(LASCA)(SD)(UC)

1186

1187

1188

1189 Scutellaria angustifolia (det Peirson)

1190

1191 Eriogonum desert~~icum~~icola var det Peirson.

1192 Malvastrum fasciculatum laxiflorum (P)

1193 Eriogonum Wrightii var membranaceum Stokes (P)

1194 Gutierrezia sarothrae (det Peirson)

1195 Chrysothamnus teretifolius (det Peirson)

1196

1197 Eriogonum cernuum det Pier
subsp. viscosum Stokes

1198

1199 Chrysothamnus nauseosus var hololeucus
det Peirson

1200

1201 Eriogonum Wrightii (det Peirson)

1202 Eriogonum deflexum Torr (det Peirson)

1203

1204

1205 Caulkeia stenantha Gray (P)

1206 Solidago

1207 Mimetanthe pilosa det Peirson

1208

1209

1210 Senecio douglasii var. monoensis (JW) 2 sheets: (NT)(CANB)

1211 Silene virgata var Saffordiana det Peirson

1212 Apetalonyx thurberi ssp thurberi (JW) 2 sheets: (AO) +1

Tule river above Camp Lena, Tulare Co.
May 26, 1934.

1212 Ribes montigenum (P)

1213 Prunus emarginata 2 (LASCA)(UC)

1214 Ribes cereum 2 sheets 1 (LASCA) 1 (UC)

1215 Ribes quercetorum Greene 1 sheet: LASCA

1216 Viola macloskeyi (JW) 1 sheet

1217 Arabis rigidissima Wats. det Peirson

1218 Thalictrum fendleri ♂ 1 sheet: LASCA

1219 ~~Brassica~~ Barbarea orthoceras var. dolicocarpa Fern. 2: LASCA, CAS

1220 ~~Senecio~~

1221 Mertensia

1222 Caltha howellii 2 sheets: (LASCA)(SBBG)

1223 Lupinus formosus (P)

1224 ~~Phacelia~~ Hydrophyllum occidentale (dt Pierce)

1225 Viola quercetorum (dw) 1 sheet

1226 Collinsia torreyi 1 sheet (LASCA)

San Diego
Moosa Canyon ~~Orange~~ Co (northwest)
April 13, 1934

1227 Potentilla

1228 Quercus dunnii 1 sheet to LASCA

1229 Mirabilis

1230 Streptanthus heterophyllus Nutt. dt Peirce
2 sheets (LASCA)(SBBG)

1231 Convolvulus

1232

1233 Gilia

1234 Gilia

1235 Phacelia Parryi Ion (P)

1236

1237

1238 Euphorbia dictyosperma F&M (Peirson dt)

1239 Eriophyllum confertiflorum v. confertiflorum (dw) 1 sheet

1240 Habenaria unalascensis 1 sheet (LASCA)

1241 Antirrhinum nuttallianum 1 sheet (LASCA)

1242 Phacelia distans (P)

1936

S	M	T	W	T	F	S
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ARY

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MARCH

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APRIL

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JULY

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AUGUST

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SEPTEMBER

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OCTOBER

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NOVEMBER

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DECEMBER

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1937

JANUARY

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FEBRUARY

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28						

MARCH

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APRIL

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MAY

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JUNE

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JULY

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AUGUST

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8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

SEPTEMBER

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

OCTOBER

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

NOVEMBER

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

DECEMBER

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

1938

JANUARY

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

FEBRUARY

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

MARCH

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

APRIL

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

MAY

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

JUNE

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

JULY

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

AUGUST

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

SEPTEMBER

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

OCTOBER

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

NOVEMBER

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

DECEMBER

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31